

MATERIAL SAFETY DATA SHEET

Accuply™



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Section 1. Chemical Product and Company Identification

<i>Product name</i> Accuply™	<i>Trade Name</i>
<i>Manufacturer</i> Accurate Plastics, Inc. 18 Morris Place Yonkers, NY 10705-1929	<i>IN CASE OF EMERGENCY:</i> Tel: 914-476-0700 Chemtrec:
<i>Date of Preparation:</i> 10/26/04	<i>Replaces:</i> 11/30/01
<i>Preparers Name</i> KJ Soltys	

Section 2. Composition, Information on Ingredients

<i>Component Information</i>		<i>Exposure Limits</i>	
<i>Chemical Name</i>	<i>CAS #</i>	<i>TLV, TWA ACGIH</i>	<i>OSHA PEL, TWA</i>
Polyethylene Terphthalate	25038-59-9	N/A	N/A

N/A = Not Applicable

Section 3. Hazards Identification

High temperatures encountered during normal molding operations may cause the generation of noxious fumes. Keep the molding area well ventilated and avoid prolonged operator exposure.

Routes of Exposure	Symptoms
Inhalation	Inhalation of fumes during heating and molding operations can be irritating to nose and throat.
Skin	Contact with hot film fragments will cause skin irritation.
Eyes	Contact with hot film fragments will cause eye irritation.
Ingestion	Not determined
Cancer	OSHA: N/A IARC: N/A NTP: N/A
Chronic	There is no known long term health effects associated with originally intended use of this material.

Section 4. First Aid Measures

Eyes	Flush the eyes with large amounts of water for at least 15 minutes in the event of contact with hot or molten film or film fragments
Skin	Immediately cool the area of skin contact with amounts of water in the event of contact with hot film fragments.
Inhalation	Immediately move the exposed person to fresh air. If not breathing give artificial respiration and get immediate medical attention.
Ingestion	If large quantities have been swallowed, DO NOT INDUCE VOMITING. If victim is conscious and alert, give 2 - 4 cups of lukewarm water. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	N/D
Flammability Classification OSHA/NFPA	Flash Pt. <00°F Class: Solid
Extinguishing Media	Carbon dioxide, water, foam.
Unusual Fire and Explosions Hazards	Isolate fire area and deny unnecessary entry. Fire fighters should wear positive-pressure self-contained breathing apparatus (SCBA) and protective clothing. Heat from fire can generate decomposition products that may cause a health hazard.

Section 6. Accidental Release Measures

Small and Large Spills	Not Applicable
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Section 7. Handling & Storage

Store material in a clean, cool, ventilated area away from all sources of ignition. Avoid inhaling gases generated during molding operations. Provide effective local exhaust.
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Section 8. Exposure Controls/Personal Exposure

Eye Protection	Minimize dust generating activities. Wear safety goggles with side shield or face shield.
Skin Protection	Wear gloves to protect against thermal effects when handling heated material. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respiratory Protection	If personal exposure to gases generated in the molding operations cannot be controlled by area ventilation, wear a properly fitted organic vapor respirator approved by NIOSH/MSHA for protection against dust.
Ventilation	General area ventilation is acceptable to control low levels of fumes.
Other Precautions	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Section 9. Physical and Chemical Properties

% Volatile Content by Weight	N/A	Specific Gravity (gm/cc)	1.6
Melting Point	500°F (260°C)	Freezing Point (°C)	N/A
Vapor Pressure (mm Hg)	N/A	Solubility in Water	Insoluble
Vapor Density (Air=1)	N/A	Appearance and Odor	Clear Plastic, Odorless Film

Section 10. Stability and Reactivity

Stability	Stable
Conditions to Avoid	Protect from heat, sparks, flame and possible sources of ignition.
Incompatibility	Avoid contact with strong acids and bases
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide, bromine and other hazardous gases. These gases and other volatiles may be generated under normal processing conditions.
Hazardous Polymerization	Will Not Occur!

Section 11. Toxicological Information (see Section 3. for Exposure Symptoms)

Acute Toxicity			
Component Tested	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)	Inhalation LC ₅₀ 4hr (rat)

Section 12. Ecological Information

Not biodegradable.

Section 13 Disposal Considerations

RCRA: This product, if disposed as shipped, is not considered a hazardous waste as specified in 40 CFR 261. Dispose of in accordance with all applicable federal, state and local regulations. Generation of particulates during machining and fabricating operations may be subject to Federal and State Air Pollution Control Laws.

Section 14 Transportation Information

This product, if offered for shipment, is not regulated by USDOT 49 CFR Parts 171 - 180: Regulation of Hazardous Materials Transportation in Commerce.	
Shipping Information	N/A
Classification	N/A
Identification	N/A
Packing Group	N/A
Label	N/A
NOT REGULATED AS HAZMAT	

Section 15. Regulatory Information

<i>Regulations Governing Product:</i>			
Inventory Status: United States (TSCA) - All ingredients are on the inventory or exempt from listing.			
SARA TITLE III			
EPCRA 302 EHS Extremely Hazardous Substance Reporting:		N/A	
EPCRA 311/312 Tier II Chemical Inventory Reporting:		N/A	
<i>Regulations Governing Ingredients</i>			
<i>Chemical Name</i>	<i>CAS #/Chemical Category</i>	<i>CERCLA RQ</i>	<i>SARA TITLE III EPCRA 313 RQ</i>

Section 16 Other Information

<u>REFERENCES</u>
CRC Press: Handbook of Chemical and Physical Constants by David R. Lide
Merck & Company: The Merck Index
Sigma-Aldrich Company: Aldrich Handbook of Fine Chemicals
Dictionary of Toxicology by Robert Lewis
US Department of Commerce, Center for Disease Control, National Library of Medicine TOXNET
US Department of Transportation, Research and Special Programs Administration: Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements

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